| Ref<br>#   | Hits   | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|------------|--------|--|--------------------|---------------------|---------|------------------|
| S1         | 1      | "20030035490"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/07/28 14:29 |
| S2         | 26     | "5479448"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/07/28 15:51 |
| S3         | 6      | "6154485"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/07/28 15:37 |
| S4         | 671    | orthogonal ADJ transm\$  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/07/28 15:52 |
| S5         | 399    | orthogonal ADJ transmit\$  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/07/28 15:52 |
| S6         | 9      | "gollamudi".in.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/07/29 08:24 |
| <b>S</b> 7 | 15     | "6067324"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 08:45 |
| S8         | 23965  | "375"/\$.CCLS. AND<br>@pd<"20010509"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 08:46 |
| S9         | 37     | ("375"/\$.CCLS. AND<br>@pd<"20010509") AND<br>"orthogonal coding"                | US-PGPUB;<br>USPAT | OR                  | ON      | 2005/04/12 14:03 |
| S10        | 137296 | spatial  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 09:01 |
| S11        | 1860   | ("375"/\$.CCLS. AND<br>@pd<"20010509") AND spatial                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/04 11:52 |
| S12        | 105    | ("375"/\$.CCLS. AND<br>@pd<"20010509") AND "spatial<br>diversity"                | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 09:08 |
| S13        | 1      | "20020157229"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 09:32 |
| S14        | 1      | "20020039395"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:06 |
| S15        | 40     | alamouti AND ("375"/\$.CCLS. AND<br>@pd<"20010509")                              | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:21 |
| S16        | 255    | alamouti   | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:21 |
| S17        | 215    | alamouti NOT ("375"/\$.CCLS. AND @pd<"20010509")                                 | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:21 |
| S18        | 51281  | "20" AND "adaptive"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:22 |
| S19        | 84     | (alamouti NOT ("375"/\$.CCLS.<br>AND @pd<"20010509")) AND<br>adaptive            | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:22 |
| S20        | 24     | (alamouti NOT ("375"/\$.CCLS.<br>AND @pd<"20010509")) AND<br>adaptive ADJ beam\$ | US-PGPUB;<br>USPAT | OR                  | ON      | 2004/08/03 10:22 |

| S21 | 23965 | "375"/\$.CCLS. AND<br>@pd<"20010509"   | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 11:52 |
|-----|-------|--|--------------------|----|----|------------------|
| S22 | 701   | ("375"/\$.CCLS. AND<br>@pd<"20010509") AND "complex<br>signal"   | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 11:53 |
| S23 | 619   | ("375"/\$.CCLS. AND<br>@pd<"20010509") AND "complex<br>number"   | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 11:53 |
| S24 | 32    | (("375"/\$.CCLS. AND<br>@pd<"20010509") AND "complex<br>number") AND beam\$  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 11:53 |
| S25 | 2199  | 375/295-315.CCLS. AND<br>@pd<"20010509"  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 15:17 |
| S26 | 727   | (375/295-315.CCLS. AND<br>@pd<"20010509") AND<br>quadrature  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 15:17 |
| S27 | 545   | (375/295-315.CCLS. AND<br>@pd<"20010509") AND I AND Q  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 15:18 |
| S28 | 431   | ((375/295-315.CCLS. AND<br>@pd<"20010509") AND I AND Q)<br>AND ((375/295-315.CCLS. AND<br>@pd<"20010509") AND<br>quadrature)           | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 15:18 |
| S29 | 150   | (((375/295-315.CCLS. AND<br>@pd<"20010509") AND I AND Q)<br>AND ((375/295-315.CCLS. AND<br>@pd<"20010509") AND<br>quadrature)) AND QAM | US-PGPUB;<br>USPAT | OR | ON | 2004/08/04 15:19 |
| S30 | 1     | "20020186779"  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/06 15:02 |
| S31 | 170   | "375"/\$.CCLS. AND<br>"beamforming"  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/06 15:07 |
| S32 | 1     | ("375"/\$.CCLS. AND "beamforming") AND (phase ADJ beam)  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/06 15:04 |
| S33 | 4     | ("375"/\$.CCLS. AND "beamforming") AND (phase ADJ4 coeffic\$)  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/06 15:04 |
| S34 | 44    | "375"/\$.CCLS. AND "adaptive beamforming"  | US-PGPUB;<br>USPAT | OR | ON | 2004/08/06 15:07 |
| S35 | 12    | ("375"/\$.CCLS. AND "adaptive<br>beamforming") AND<br>@pd<"20010604"   | US-PGPUB;<br>USPAT | OR | ON | 2004/08/06 15:07 |
| S36 | 7     | "6154485"  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/25 11:08 |
| S37 | 1     | "6154485".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/03/25 14:10 |

| 33   |   |   |  |   |  |
|------|---|---|--|---|--|
| 33   | "5479448"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/03/25 14:11   |
| 3849 | auto ADJ correlat\$   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/12 13:59   |
| 823  | S39 AND "375"/\$.CCLS.  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/12 13:59   |
| 173  | S40 AND diversity   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/12 14:01   |
| 110  | S41 AND @ad<"20010509"  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/12 14:01   |
| 76   | ("375"/\$.CCLS. AND<br>@ad<"20010509") AND<br>"orthogonal coding"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/12 14:03   |
| 2    | S43 AND "beamforming"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/12 14:03   |
| 5    | ("5028931"   "5467367"  <br>"5623485"   "5764690"  <br>"5956368").PN.   | US-PGPUB;<br>USPAT;<br>USOCR  | OR   | ON  | 2005/04/12 16:04   |
| 4    | ("6154485").URPN.   | USPAT   | OR   | ON  | 2005/04/13 14:44   |
| 1    | "3,398,406".pn.   | USPAT   | OR   | ON  | 2005/04/13 14:49   |
| 0    | "20050055221"   | USPAT   | OR   | ON  | 2005/04/13 14:49   |
| 1    | "20050055221"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/04/13 14:49   |
| 1    | "20030016763"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/06/28 11:11   |
| 1177 | "source synchronous"  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/06/28 11:11   |
| 24   | "source synchronous link"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/06/28 11:12   |
| 7    | "source synchronous link".ti.   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/06/28 11:12   |
| 1    | "differential data strobe" WITH halt  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/06/28 11:13   |
| 9    | "6594473"   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/10/12 07:51   |
| 1    | "6594473".pn.   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/10/12 07:51   |
| 4002 | "auto-correlation" OR (auto ADJ correlation)  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/12/08 08:47   |
| 877  | S57 AND "375"/\$.CCLS.  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/12/08 08:47   |
| 69   | S58 AND beam  | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/12/08 08:47   |
| 55   | correlat\$ ADJ2 channel ADJ2 estimate   | US-PGPUB;<br>USPAT  | OR   | ON  | 2005/12/08 09:43   |
|      | 823<br>173<br>110<br>76<br>2<br>5<br>4<br>1<br>0<br>1<br>1<br>1177<br>24<br>7<br>1<br>9<br>1<br>4002<br>877<br>69 | \$39 AND "375"/\$.CCLS.  \$40 AND diversity  \$41 AND @ad<"20010509"  \$41 AND @ad<"20010509") AND @ad<"20010509") AND "orthogonal coding"  \$43 AND "beamforming"  \$51 ("5028931"   "5467367"   "5623485"   "5764690"   "5956368").PN.  \$42 ("6154485").URPN.  \$13,398,406".pn.  \$120050055221"  \$120030016763"  \$1177 "source synchronous"  \$24 "source synchronous link"  \$7 "source synchronous link"  \$7 "source synchronous link"  \$1 "differential data strobe" WITH halt  \$1 "6594473"  \$1 "6594473".pn.  \$4002 "auto-correlation" OR (auto ADJ correlation)  \$57 AND "375"/\$.CCLS.  \$69 \$58 AND beam  \$55 correlat\$ ADJ2 channel ADJ2 | 3849       auto ADJ correlat\$       US-PGPUB; USPAT         823       539 AND "375"/\$.CCLS.       US-PGPUB; USPAT         173       \$40 AND diversity       US-PGPUB; USPAT         110       \$41 AND @ad<"20010509" | 3849       auto ADJ correlat\$       US-PGPUB; USPAT       OR USPAT         823       S39 AND "375"/\$.CCLS.       US-PGPUB; USPAT       OR USPAT         173       S40 AND diversity       US-PGPUB; USPAT       OR USPAT         110       S41 AND @ad<"20010509" | 3849   auto ADJ correlat\$   US-PGPUB; USPAT   OR ON USPAT   US-PGPUB; USPAT   OR ON USPAT   OR USPAT   OR USPAT   OR USPAT   US-PGPUB; USPAT   OR USPAT   OR USPAT   OR USPAT   OR USPAT   US-PGPUB; OR USPAT   OR USPAT   OR USPAT   OR USPAT   OR USPAT   US-PGPUB; OR USPAT   OR USPAT   OR USPAT   OR USPAT   OR USPAT   US-PGPUB; OR USPAT   US-PGPUB; OR USPAT   US-PGPUB; OR USPAT; US-PGPUB; OR USPAT; US-PGPUB; USPAT; US-PGPUB; OR ON USPAT   OR ON USPAT |

| S61 | 41 | S60 AND @ad<"20020101" | US-PGPUB; | OR | ON | 2005/12/08 09:43 |
|-----|----|------------------------|-----------|----|----|------------------|
|     |    |                        | USPAT     |    |    |                  |